

Abstract

Techniques are disclosed for fabricating a device using a photolithographic process. The method includes providing a first anti-reflective coating over a surface of a substrate. A layer which is transparent to a wavelength of light used during the photolithographic process is provided over the first anti-reflective coating, and a photosensitive material is provided above the transparent layer. The photosensitive material is exposed to a source of radiation including the wavelength of light. Preferably, the first anti-reflective coating extends beneath substantially the entire transparent layer. The complex refractive index of the first anti-reflective coating can be selected to maximize the absorption at the first anti-reflective coating to reduce notching of the photosensitive material.

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